THE CHANCELLOR'S ANNUAL

UNIVERSITY

"UMASS BOSTON HAS BROUGHT THE

BEST IN CONTEMPORARY CULTURAL

AND INTELLECTUAL LIFE TO THE

CHILDREN OF FIREMEN AND POSTAL

WORKERS AND BUS DRIVERS AND JAN-

Sherry H. Penney, Chancellor

AND TO THE CHILDREN OF THE OLD-

REPORT

EST AMERICANS, THAT HAS BEEN ITS

OF MASSACHUSETTS BOSTON

INSPIRITING MISSION FOR THE THIRTY

YEARS OF ITS EXISTENCE AS AN

URBAN UNIVERSITY, TO BRING THE

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TO PEOPLE WHO ARE TOO OFTEN

ASKED TO SETTLE FOR SECOND-

BEST-SUCH HAS BEEN THE SUSTAIN-

ING IMPULSE OF THIS PLACE."

JACK BEATTY, ALUMNUS

AND SENIOR EDITOR

THE ATLANTIC MONTHLY

1993-1994 Facts in Brief

12,136
9,808
2,328
26
7.0%
11.6%
0.8%
4.4%
0.3%
55.1%
94.9%
1,579
533
4
51,691
473
86.5%
1,183
205
\$117.9 million
\$56.9 million

1994-1995 Tuition and Fees

1994-1995 tuition and mandatory fees	
for Massachusetts residents:	
Full-time undergraduate students	\$2,154 per semester
Full-time graduate students	\$2,434 per semester

A MESSAGE FROM THE CHANCELLOR



hen legislation establishing the University of Massachusetts Boston was passed in June 1964, there was neither campus nor faculty, staff, and students. There was, of course, the need for our institution, and there were many plans and ideas, along with a certain amount of anguish about where the campus should be located. In 1965, the first classes were held in downtown Boston. Ten years after its founding, in January 1974, UMass Boston began another stage in its life at the new Harbor Campus in Dorchester. During the next twenty years, the University flourished, merged with Boston State College, and in the process of growing up and growing better, greatly expanded its academic programs while reaching out to the community in significant and innovative ways.

After thirty years of existence, UMass Boston today stands as a major doctorate-granting public urban university which, despite financial vicissitudes, has achieved national recognition and local respect for what it has accomplished in the areas of graduate and undergraduate education, research, and public service. Though we grew and certainly changed to meet new challenges, we have remained true to our original objectives. As this annual report demonstrates, during the 1993-94 academic year the University community maintained an accessible campus; supported diversity; offered a curriculum that met student needs; pursued research useful to city, state and nation; and helped to improve the Commonwealth's economy.



The 1993-94 academic year was one of financial stability and notable accomplishments, not the least of which was the Pulitzer Prize award for criticism given to Professor Lloyd Schwartz of the English Department. Another achievement that will greatly influence learning at the University in the future is our new statement of general education principles and goals. Developing this statement involved the active and thoughtful participation of many faculty on the campus. They came together to reexamine and restructure the undergraduate curriculum with the best interests of students at heart.

Looking ahead, UMass Boston faces many challenges. We must remain in the vanguard of understanding and serving the metropolitan region's growing multicultural society. We must make sure that all of our students are properly educated. We must cultivate the broadest possible global perspective among our students. They should understand other cultures and societies if they are to successfully make their way in the highly competitive, complex world marketplace. And we must offer them, as well as faculty and staff, the exciting advances in information technology so that the entire educational process is expanded and made more excellent. I also believe the University has to play a more vigorous role in preserving and improving the urban landscape. We can do this by helping to strengthen K-12 education, the delivery of health care, and our community and economic development ventures.

UMass Boston is optimistic about the future. The University's progress will be built on a formidable base and the growing support of the community our faculty, staff, and administrators take pride in serving.

Sherry H. Penney Chancellor

he intellectual curiosity of our faculty and students sustains a healthy spirit of progress and innovation that permeates the campus. We are constantly exploring new and better ways to enhance teaching and learning.

Last year, with the approval of our Faculty Council, we reviewed, refined, and established University-wide general education principles to strengthen our capacity for preparing each undergraduate not only for a satisfying career but also for a lifetime of intellectual inquiry and continued learning. "To meet—and relish—the challenges of a complex and changing world," says the general education statement—"students must develop habits of critical analysis and logical thought, master verbal and quantitative reasoning, understand human diversity, and learn about the principal approaches to knowledge."

Each UMass Boston college is now reexamining and developing its curriculum with these goals in mind. For example, the College of Arts and Sciences has proposed a model calling for four distinct general education requirements: courses stressing verbal and quantitative reasoning and expression; core seminars developing analytical and research skills; distribution courses introducing the major approaches to intellectual inquiry; and courses engaging the dimensions of human diversity. The diversity requirement is already in place throughout the University.

Our leadership in the teaching of diversity was recognized by our selection as one of 10 resource institutions to help 40 campuses across the country develop curricula exploring diversity issues. With Ford Foundation funding, the institutions formed a collaborative network to address diversity as a fundamental dimension of education.

The College of Arts and Sciences and the Division of Continuing Education launched a semesterlong pre-admission programcalled ACT (Adults in College Transition)—which strengthens math and verbal skills to prepare adults to enter the College. Everyone in ACT's first class

completed the program and registered as a freshman for fall '94.



Linda Kime, an associate professor in the Department of Mathematics and Computer Science, and Judy Clark, an assistant professor in the Graduate College of Education, were awarded \$206,000 by the National Science Foundation to further develop their experimental method for improving the teaching of algebra. The new strategy calls upon students to learn algebra by using computers and plugging into equations and "real life" numberssuch as census data. The goal is to make the experience of learning algebra challenging, interesting, and fun. The innovative strategy of Kime and Clark has been replicated at Bridgewater State College and the Massachusetts College of Art. Other institutions that are exploring the adoption of this approach include the University of Pittsburgh and the University of Southern Mississippi.

The College of Management has become one of a small number of business schools in the country to establish a concentration in environmental management for MBA students. In the spring, the College offered an intensive certificate program in the management of environmental issues for middle- and upper-level executives from the Greater Boston area. These steps led the Management Institute for Environment and Business in Washington, DC, to select the College as one of 25 business schools to participate in its new Business Environment Learning and Leadership Program.

The College of Nursing's year was highlighted by the successful completion of the National League for Nursing reaccreditation of undergraduate and graduate programs for the full eight years. Another highlight: Change magazine recognized CN's program as one of the top 25 in the nation. In addition, U.S. News and World Report rated the master's degree program in nursing superior to all others offered by public institutions in New England.

The Graduate College of Education accepted its first class into a new doctoral program with two tracks. One track prepares leaders for elementary and secondary urban schools, and the other track prepares leaders for higher education. The program is committed to expanding the number of women and people of color in leadership positions at all levels of education.

The National Science Foundation renewed a three-year grant that enables undergraduates from around the country to come to UMass Boston in the summer to pursue various research topics related to ecology and the environment. Each undergraduate researcher was supervised by a member of the biology faculty.

The Colleges of Nursing and Management introduced a joint MS/MBA Program to prepare students to manage patient care and health programs at the executive level. The program will train students for such positions in the health care field as unit manager, clinical director, nursing director, policy and management specialist, quality assurance specialist, and corporate nursing specialist.

Our faculty participated in workshops at the campus designed to help high school teachers involved with Project Tech Prep, a national effort that is preparing 200 high school students in nine southeastern Massachusetts school districts and vocational schools for careers in emerging technical

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The College of Public and Community Service instituted a new community-oriented project, the Buchanan Community-University Partnership in the new Office of Urban Programs, to help those on the campus who wish to establish connections with community agencies. A CPCS team also began work on a project to encourage community organizations to collaborate with the College's faculty and staff under an 18-month, \$16,600 grant from the Poverty and Race Research Action Council in Washington, DC.

The University continued to build mechanisms for linking Boston residents to jobs in burgeoning technological fields. Our new articulation agreement with the Franklin Institute of Boston, which offers career-oriented associate's degree and certificate programs in engineering and industrial technologies, facilitates the transfer of Franklin Institute students to such UMass Boston programs as management and computer science. The agreement also sets the stage for the development of technology education initiatives through joint grant applications and the sharing of expertise. It further calls for UMass Boston to support the Institute's new "2+2" baccalaureate programs in automotive and manufacturing technology by sharing courses, faculty, and facilities with the Institute.

With support from the U.S. Department of Education, our Adaptive Computing Laboratory produced a 17-minute videotape demonstrating how colleges and universities can make their computer facilities more accessible to faculty members and students who are physically challenged or learning-disabled.

More than 300 UMass Boston students gained valuable profession experience through the University's cooperative education and internship program. The majority of these students served sixmonth-long assignments and earned an average about \$10 an hour. Approximately 20 students were awarded permanent full-time positions by their co-op or internship employer.

nring the 1993-94 academic year, we enrolled 12,136 traditional and nontraditional students in our undergraduate and graduate programs. Another 9,453 enrolled in various programs (chiefly summer sessions) of the Division of Continuing Education.

Most of our students combined their studies at UMass Boston with work and family responsibilities. Their median age was 26. Those seeking an undergraduate education could avail themselves of more than 50 majors, and more than 60 minors, concentrations, and other programs of study. Since 1984, when 92% of UMass Boston's students were undergraduates, graduate student enrollment has grown by 135% to account for almost 20% of our students in 1993-1994. In 1993-94, 1,958 degree-seeking students were enrolled in graduate programs; almost two-thirds of them were women.

The composition of our graduate student population reflected pluralism on a global scale. They came from more than 35 countries, and their bachelor's degrees had been conferred by more than 220 institutions around the world. The University awarded 502 master's degrees, 31 certificates of advanced graduate study, and 4 doctorates. The University granted more than 400 assistantships to graduate students, with total stipends exceeding \$1.5 million.

More than 25 master's level programs were offered in business, education, the humanities, human services, nursing, public affairs, and the sciences. Doctoral programs included those in clinical psychology, environmental sciences, gerontology, education, and public policy. The percentage of minorities enrolled in graduate programs in the natural sciences, math, and applied physics was well above the national average.



About one-fourth of all new undergraduate students were defined as nontraditional freshmen—older students, those with learning disabilities, GED students, international students, and those admitted into the Directions for Student Potential Program, a tuitionfree, intensive six-week summer program for applicants demonstrating potential for academic success.

again attracted a student population reflect-

ing the extraordinarily wide diversity of the

Boston metropolitan region.

As always, financial aid was especially critical to our 8,972 degree-seeking undergraduates; 8,850 applied for financial aid, and 67% of these applicants received some form of assistance. Sixty-five percent were classified under federal guidelines as having independent status; their average income was only \$14,834. The average financial aid award was \$5,934.

During the fall of 1993 the proportion of students of color attending the University was higher than the year previous. African-American, Asian-American, Latino, and Native American students made up 27.5% of degree-seeking undergraduates, as compared with 25.1% in the fall of 1992. Among degree-seeking graduate students, 12.2 % were minorities; in 1992 the comparable figure had been 11.4%. Overall, students of color accounted for 24.1% of the total enrollment of 12,136, as compared with 22.2% in 1992.

undergraduate scholarship awards was dis-

tributed, in addition to the \$2.1 million in

curriculum fee waivers we extended to stu-

dents during 1993-94.

A book listing the 100 best colleges in the nation for African-Americans named UMass Boston as one of three institutions in Massachusetts that met the author's criteria. The others were Boston University and Emerican College.

Among incoming freshmen and transfers, 53% were women. Forty-four percent were women and men of color. Among all degree-seeking undergraduates, 27.5% represented various minority groups, a figure more than double the percentage of undergraduate students in all Massachusetts public and private institutions. Of the minority students, 43% were African-Americans, 29% Asians, and 18% Latinos; the remainder were native American or Cape Verdean.



his past year members of the UMass Boston community were engaged in a wide variety of scholarship, research, and public service activities. Consistent with our view of the campus community as part of the larger one, their projects display a range of concerns and a breadth of focus from Boston to the Black Sea to leadership training throughout the state for recent immigrants. Here are some examples:

Environmental sciences professor Tracy Villareal and a University of California researcher received a \$420,000 National Science Foundation grant to study a type of phytoplankton in the Pacific Ocean whose biological processes are little known. Their research may help to explain more about the carbon dioxide cycle on our planet, ultimately enabling scientists and policy makers to better understand the greenhouse effect.



The Corporation for National Service, President Clinton's initiative that supports public service activities, awarded a \$25,000 planning grant to the Gerontology Institute for a program which will assign adult volunteers to help elderly persons who live at home and as a result are without access to various assistance programs.



Our TAG Program celebrated its 10th year of providing intensive, year-round instruction for talented and gifted Latino students in Boston's middle and high schools. Thirty-one TAG participants, spring graduates of the Boston Latin School, were admitted to colleges or universities.

Poems From Captured Documents: A Bilingual Edition (University of Massachusetts Press), draws on a collection of documents captured during the war in Vietnam and now housed at the William Joiner Center for the Study of War and Social Consequences. Graduate student Thanh Nguyen and Bruce Weigl, a poet and instructor in the Joiner Center's annual writing workshop, translated and edited the poems, found in the personal diaries and notebooks of North Vietnamese and NLF soldiers.

Gary Siperstein and Melodie Wenz-Gross of the Center for the Study of Social Acceptance received a \$675,000 grant from the U.S. Department of Education to examine the problems that children, particularly those with learning disabilities, experience when making the transition from elementary to middle school.

The Gerontology Institute received a \$380,000 grant from the Agency for Health Care Policy, an arm of the National Institutes of Health, to study how well the state's 500 nursing homes take care of their nearly 40,000 residents.

The William Monroe Trotter Institute for the Study of Black Culture completed a study that found the number of Massachusetts businesses owned by people of color to be disproportionately small, and their average earnings only a fraction of the statewide average for all businesses.

The Center for Labor Research at CPCS was inaugurated to conduct studies and policy analysis of, and promote debate on, a wide range of labor issues affecting Massachusetts. The College received an award from the Kellogg Foundation to collaborate with the Lewis Middle School and the Shelburne Community Center to help teachers share with young adolescents information affecting their health.

The Urban Scholars Program, which provides accelerated training each year to more than 100 gifted students attending public and independent middle and high schools in Boston's East Zone District, received a new three-year grant of \$750,000 from the U.S. Department of Education.





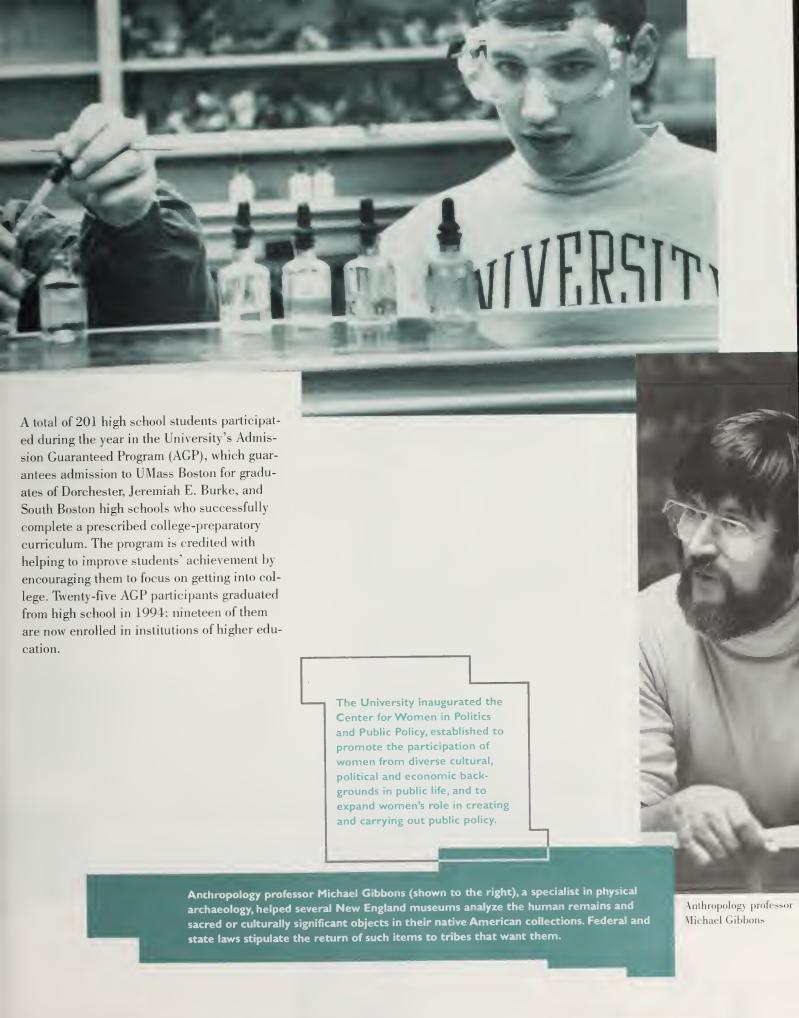
English professor Charles Meyer was part of a worldwide team of researchers tracking the changing shape of English in 20 nations where some variety of the language is spoken. According to Meyer, India and other formerly colonized nations are likely to develop their own form of English unintelligible to Americans.

The Mauricio Gastón Institute for Latino Community Development and Public Policy, in collaboration with researchers at UCLA, was awarded \$66,600 by the Ford Foundation to compare poverty data from Boston and Los Angeles. The analysis will use information obtained in a four-yearlong survey of racial attitudes in Boston, Atlanta, Detroit, and Los Angeles. The Institute is working on the project together with the Center for Survey Research and the William Monroe Trotter Institute for the Study of Black Culture.

A team of UMass Boston researchers providing accounting expertise to the Commonwealth helped develop a program that can assist cities and towns in claiming about \$30 million in federal reimbursements of Medicaid expenditures for special-needs students. The project is part of a continuing initiative by staff members at the John W. McCormack Institute of Public Affairs to improve the Commonwealth's fiscal balance sheet by reviewing its financial records.

The Center for Survey Research received a \$700,000 grant from the Massachusetts
Department of Public Health and its Tobacco
Control Program to ascertain the extent of
smoking among adults and young people,
their attitudes toward it, and their knowledge
of its health effects.

The Institute for Asian American Studies received an initial grant of \$75,000 from the Commonwealth to establish a Center for Immigrant and Refugee Community Leadership and Empowerment (CIRCLE). UMass Boston's Gastón and Trotter institutes, and units from the Amherst and Lowell campuses will help to establish the center, which over the next five years could receive more than a million dollars in funding from the state.





ur international initiatives continue to expand as the University moves toward its mission of preparing students to compete in a global economy. We forged several new partnerships that are stimulating intellectual exchanges with foreign nations.

Faculty members studied the glacial geology of Mount Olympus in Greece, assessed the effect of new trade agreements on Mexico's health policies, and were curators of a major exhibit of Claude Monet's paintings in Tokyo. College of Nursing faculty conducted research projects in Japan, Italy and Sweden. One professor went to Cuba to study concepts of race in Caribbean societies.

The Center for International Programs administered University-funded grants to seven faculty members to underwrite such efforts as cultivating ties between the campus and universities in Italy and China, and developing a teacher preparatory program in Ecuador. Faculty members also received University assistance to explore the potential for establishing new links with higher education institutions in Canada, Columbia, Mexico and Russia.

Researchers from Canada, China, Japan, France, Germany and the United States were at UMass Boston for the 24th annual International Symposium for Multivalued Logic, chaired by mathematics and computer science professor Daniel Simovici.



Thadius Wellman of Jamaica Plain was awarded the first lwao Matsuda Grant, which covers the travel costs of a student who spends a year studying in Japan. The grant, is named after the late president of Japan's Chukyo University, a UMass Boston sister institution.

Visiting professors from France, Ireland, Israel and Spain provided UMass Boston students with their international perspectives. The University maintained study-abroad agreements with some 40 overseas campuses. Our Year of Study in Paris Program continued to draw students from many institutions besides UMass Boston. For the fifth year, the Division of Continuing Education's three-week summer program in English as a second language and American culture enrolled 27 young women and men from Japan's Chukyo University. During the summer, Continuing Education sent students to Mexico and Ireland.



Our Center for Emerging Democracies, housed at the McCormack Institute, undertook to lead the South Africa Consortium Group, a multi-campus project to establish public policy training programs in that evolving nation. The Consortium's goal is to strengthen government at the local level by increasing expertise in such areas as public finance and personnel management.

For the second year in a row, a group of business leaders from the former Soviet Union came to the campus for a year's study of the English language, business communications, and Western management techniques, including strategies on how to do business in the U.S. They then joined American companies for hands-on experience. Among the businesses involved in the program: Bechtel, Chevron, Dresser Industries. Mobil Oil, Smith International, Stone and Webster, and Procter and Gamble.

Art professor Paul Tucker, a leading authority on French impressionist Claude Monet, served as curator for a popular Tokyo exhibit of Monet's paintings that featured several of the artist's rarely seen works.



With World Bank funding, the Harbor and Coastal Center trained officials from Turkey, Bulgaria and Romania to help them develop legislation to protect the coastal areas of the Black Sea, which contains some of the world's most polluted waters.



he many honors that our people and programs received last year are evidence of the depth of our commitment to maintaining a strong academic environment at UMass Boston.

The quality of our faculty can be measured by their many achievements. A highlight of the year was the 1994 Pulitzer Prize in Criticism that was awarded to English professor Lloyd Schwartz for music reviews he wrote for the Boston Phoenix. Schwartz, who began teaching writing and poetry at UMass Boston in 1982, was honored by the Pulitzer Prize committee "for his skillful and resonant classical music criticism." Schwartz has won numerous awards for creative writing, including a \$20,000 fellowship in 1990 from the National Endowment for the Arts.

Another of our distinguished faculty, Peter Kiang, a professor in the Graduate College of Education, was one of eight local people cited by The Boston Foundation for his work in the community. Kiang was singled out for pioneering the University's Asian American studies curriculum and for his role in helping to establish the Institute for Asian American Studies. According to the Foundation's annual report, "inside and outside the classroom Peter Kiang models a genuine commitment to, and respect for, his students—especially the growing number of refugees who have made the arduous journey from Southeast Asia and now seek higher education at Boston's urban public university."

Litton Industries Scholar Thao X. Duong of Dorchester, who could not speak English when she came to the United States from Vietnam in 1990, won the top academic prize given to a graduating senior by the Chemistry Department. Thao earned a 4.0 grade point average and took just three years to receive her bachelors degree.

Among our brightest programs to receive honors was the Rainforest Collaboration, which academically supports school students in the sciences. It received the New England Aquarium's prestigious David B. Stone Award for "service to community and environment." Those honored in the past include Jacques Cousteau, star of television documentaries on ocean life.

Boston Mayor Thomas M. Menino, a UMass Boston alumnus who considers the experience of earning a degree at the University as the "real enrichment period" in his life, was awarded the Chancellor's Medal for Public Service during the 26th commencement exercises, at which Menino was the featured speaker. The mayor attended the College of Public and Community Service while representing the Hyde Park and Roslindale neighborhoods on the Boston City Council.





Mayor Menino speaks at commencement.

Also during our commencement, philosophy professor Lawrence Blum, who in over 20 years has produced a body of work that influences the way in which moral philosophers around the world weigh ethical questions, received the 1994 Chancellor's Distinguished Scholarship Award. A collection of Blum's essays in moral philosophy and moral psychology has been published by Cambridge University Press—a rare achievement for a living philosopher.

U.S. Rep. Joseph Moakley awarded certificates of Congressional recognition to leaders of the University's Harbor Explorations
Program, which for a decade has provided thousands of youngsters an opportunity to conduct basic marine research. Cited for their outstanding work were program director Mike Borek and members of the crew of the vessel *Envirolab III*—Rich Schmidt, Berit Solstad, and Dave Slocumb.

U.S. News and World Report's "1994 Best Colleges Report," issued last fall, listed UMass Boston as 19th in academic reputation among 141 northern colleges and universities in their survey.

The American Psychological Association (APA) awarded full accreditation for five years to the Ph.D. Program in Clinical Psychology. The APA called the program "Exemplary" and commended the faculty for its "resourceful" implementation.

The Politics of Black Empowerment, written by James Jennings, director of the William Monroe Trotter Institute for the Study of Black Culture, was cited on International Human Rights Day in December as one of 1992's "outstanding books on human rights" by the Gustavus Myers Center for the Study of Human Rights.



Our campus radio station, WUMB-FM, posted annual revenues of \$985,702 in cash and inkind contributions from a variety of sources, including donations from listeners, businesses, and the Corporation for Public Broadcasting. The station also achieved quarterly Arbitron ratings of 50,000 listeners a week, the largest audience it has ever recorded.

The excellence of our students was recognized far and wide. Student trustee Stephanie Siegmann of Dorchester was one of 200 young women nationwide chosen to attend a "Women As Leaders Seminar" in Washington, DC. Her mentor was Attorney General Janet Reno.

The strength of our science program was once again recognized by pharmaceutical manufacturer Pfizer Inc., which awarded a \$5,000 summer fellowship to senior Andrew Maoli of Dorchester. Maoli, who used the funds to pursue research in organic chemistry, became the University's third chemistry student in five years to win the Pfizer grant.

Another one of our seniors, Quincy resident Toni Walters, a former editor of our student newspaper (the *Mass Media*), was among 72 collegians from across the country selected for the Dow Jones Newspaper Fund Editing Program. More than 800 students applied for the program, which granted a \$10,000 graduate scholarship to each winner.

And Paula Burns of Dennis, who is partially paralyzed and commuted to the campus in car she operates with hand controls, won the University's Sally Goss Memorial Award, given each year to a graduating senior for outstanding achievement in anthropology. Burns was honored for her 4.0 grade point average.



During a halftime ceremony at the Clark Athletic Center, former UMass Boston basketball star Eileen Fenton, '91, who holds 11 records including all-time leading scorer, became the first woman to have her jersey number retired.

Kristine DiNardo of Waltham was chosen as the leading female student in the state's public university system by Massachusetts Women in Higher Education. DiNardo, who is legally blind, was coordinator of the campus Dis-ABILITIES Center.

ddressing regional economic development is a critical element of UMass Boston's mission. In 1993-1994 we picked up the pace of our initiatives for economic development by aggressively working to establish several centers, partnerships, and programs. We gave special emphasis to expanding the campus's role in the environmental sciences and in support of enviro-tech industries.

Opportunities for the campus are emerging through the Massachusetts Strategic Envirotechnology Partnership (STEP), a collaboration of the state government and the University system. UMass Boston's role in STEP will involve testing and validating new technologies and analyzing public policy and regulations that pertain to them. We also will assist emerging companies with marketing information and business strategies, and provide training and education programs.

The Environmental Business Information Project provided a test bed for information retrieval and dissemination for the environmental technology industry. This project, in collaboration with the Amherst campus, loads detailed information about environmental products and companies onto a data base called "Enviro-tech On-Line." This data is available on the Internet.

The Minority Business Assistance Center at the College of Management, which is linked to the statewide Massachusetts Small Business Development Center Program, provided technical assistance and counseling to minority businesses in the Greater Boston area. It helped them obtain information and advice on such topics as market conditions, location, debt, cash flow, and how to write a business plan and acquire a loan.

In order to better coordinate economic development activities, UMass Boston in the spring of 1994 established an Economic Development Task Force, bringing together over 50 faculty and staff members to refine programs and mechanisms that will amplify the campus' economic development capacities and set an agenda for the future.



Also at the College of Management, the Greater Boston Mannfacturing Partnership was established to help small- and mid-sized firms restructure their operations. The partnership, supported by the Bay State Skills Corporation and the U.S. Department of Commerce, originally focused on businesses adversely affected by defense cutbacks. Recently, its staff worked with several companies to help them increase productivity and profits. They aided a metalworking firm in reviewing and redesigning its management information systems. They helped a packaging company streamline production.

In a third project, they assisted labor and management at several Boston area garment manufacturers to analyze the way they do business. Initially funded at \$35,000, the Center's operating budget has expanded nearly ten-fold during the first nine months of operation with the infusion of federal and state funds.

Operating under a one-time \$250,000 grant from the Massachusetts Executive Office of Economic Affairs, the Mauricio Gastón Institute for Latino Community Development and Public Policy helped to establish eight Latino Economic Development Centers in communities throughout the state. These centers provided technical assistance to existing and emerging small Latino businesses and consulting services to Latino Minority Business Enterprises.

The Urban Harbors Institute played a critical role in examining coastal transportation infrastructure questions and sustainable development issues in Bulgaria, Russia, Ukraine, and Georgia. It also worked on initiatives relating to the development of the state's ports and harbors. Institute staff conducted a detailed study for Chelsea of its port area to pave the way for the waterfront's development. At the request of the National Park Service, they examined Gloucester's commercial fishing and tourism industries to help shape its harbor's future.

The Waltham-based computer software firm Interleaf granted the University exclusive rights to distribute its highly rated desktop publishing package to other institutions of higher education at a discounted price. The relationship is typical of the partnerships being pursued by our Software Engineering Research Laboratory (SERL), organized so that faculty and graduate students can develop creative ideas for commercial ventures that promote economic development and bring money and equipment to the Mathematics and Computer science Department.

At the College of Public and Community Service, Professor Philip S. Hart played an important role in addressing economic development issues in the city's Southwest Corridor. Hart served as treasurer of the Community Development Corporation of Boston, which, in conjunction with the Biotechnology Research Institute, is seeking to house a number of new technology companies in Roxbury's CrossTown Industrial Park.



Our Adaptive Computer Laboratory began a project encouraging cooperative ventures between University computer specialists and state companies to help them develop computer equipment so they can comply with the federal law requiring employers to accommodate learning disabled and physically challenged workers.

he FY 1994 operating budget of \$117.9 million represented an increase of \$5 million over the previous year, all of which went to higher salaries for faculty and staff. The University's expenditures were in the following categories:

- instruction, 36%
- student financial aid, 14%
- academic support, 11%
- institutional support, 10%
- plant operations and maintenance, 9%
- research, 8%
- student services, 6%
 The remainder fell into such categories as public service and auxiliary enterprises.

UMass Boston's growth in grant and contract awards continued, to \$13.5 million, an increase of 10.7% over the previous year's total. That figure represents an 82% increase since FY 1989. Of particular note: faculty members wrote 304 proposals, a 23% increase over the previous year. The University's 1993-94 fundraising projects were generously supported by the Boston business community, foundations, and civic and labor organizations, as well as alumni, faculty and staff. We raised \$1,245,793, receiving gifts totaling more than \$1 million from external sources for the third year in a row.

Most gifts and grants were carmarked for the following activities:

- financial aid for students, \$226,744
- public service, \$146,553
- academic divisions, \$225,187
- research, \$115,117 Unrestricted gifts totaled \$313,893. To these amounts was added \$174,823 in restricted endowment income.

We launched several ventures that provide financial support to promising students, including the Stephen J. Sweeney Scholarship Fund to support Boston public schools graduates who have been members of the Admission Guaranteed Program; the Charles J. Hoff Leadership Scholars Program, established by a University trustee for minority students; and the Arthur W. Martin Prize, which is awarded to a top physics student. Money raised also went toward the newly created Institute for Asian American Studies and a new teaching laboratory at the College of Nursing.



Dean Brenda Cherry of the College of Nursing

The College of Nursing raised \$66,000 during its annual fund drive, which helped renovate the nursing laboratory and install almost \$20,000 worth of new equipment. About 200 students each week use the lab to learn how to administer dressings and perform intravenous treatments and catheterizations.



POSTSCRIPT: A WORD ABOUT THE FUTURE...

What will drive UMass Boston successfully forward is the commitment of our faculty and staff to offering the deepest, most valuable education possible. The University has no greater responsibility than the responsibility to those who come to our classrooms and laboratories to learn. UMass Boston faculty must be allowed to teach and conduct research in an environment that nurtures a constant sharing of ideas and educational methods. Above all, it will be the forces of collaboration, dedication, and constant renewal that will, with the assistance of the community we serve, ensure the University's future vitality and integrity.

Sherry H. Penney



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